Page 1 of 6 ATTY. DOCKET NO. 1744.0450002 INVENTORS APPLICATION NO. 09/525,185

SIXTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				Sorrells et al.					
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EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE		
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ce	AB60	4,789,837	12/1988	Ridgers					
	AC60	5,634,207	05/1997	Yamaji et al.					
	AD60	5,642,071	06/1997	Sevenhans et al.					
	AE60	6,211,718 B1	04/2001	Souetinov					
	AF60	6,212,369 B1	04/2001	Avasarala					
	AG60	6,308,058 B1	10/2001	Souetinov et al.					
	AH60	6,633,194 B2	10/2003	Amborg et al.					
	A160	2001/0036818 A1	11/2001	Dobrovolny					
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CP	AQ59	Hellwarth, G.A. and Jor and Electroacoustics, V	nes, G.D, "Auto ol. AU-16, No	omatic Conditioning of Spe . 2, pp. 169-179 (June 1966	ech Signals," <i>IEE</i> 8).	E Transaction	ns on Audio		
Co	AR59	English Abstract for Ge	rman Patent N	No. DE 692 21 098 T2, 1 pa	ige, data supplied	i from the esp	acenet.		
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C_{i}	<u>Q</u>	AA61	6,873,836 B1	03/2005	s	Sorrells <i>et al</i> .	-			
		AB61	6,879,817 B1	04/2005	s	Sorrells <i>et al</i> .				
		AC61	6,057,714	05/2000	A	undrys et al.				
		AD61	961 2003/0081781 A1 05/2003		J	ensen et al.				
		AE61	5,994,689	11/1999	C	harrier				
		AF61	F61 6,512,544 B1 01/2003		N	Aerrill et al.				
		AG61	6,628,328 B1	09/2003	Y	okouchi <i>et al</i> .				
M	AH61 6,801,253 B1 10/2004				Υ	onemoto <i>et al</i> .	-			
7	J	Al61	3,737,778	06/1973	٧	an Gerwen et al.				
			F	OREIGN P	ATE	NT DOCUMENTS				
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C	P	AN60	Deboo, Gordon J., Integr (1977).	rated Circuits	and	Semiconductor Devices,	2 nd Editi	ion, Mo	cGraw-Hill, Ind	c., pp. 41-45
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Co	AA62	4,286,283					`		
	AB62	4,241,451	12/1980		aixner et al.				
	AC62	5,014,130	05/1991		eister et al.				
	AD62	5,390,215	02/1995		nita <i>et al</i> .				
	AE62	5,805,460	09/1998	G	reene <i>et al</i> .				
	AF62 6,882,194 B2		04/2005	В	elot <i>et al.</i>				
	AG62	6,892,062 B2	05/2005	L	ee et al.				
V	AH62 6,917,796 B2		07/2005	S	etty et al.				
CQ	Al62	6,920,311 B2	07/2005	1	ofougaran et al.				
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	1	FORM PTO-1449		ATTY. DOCKET NO 1744.0450002		PPLICATION NO 9/525,185).
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	AB63	6,182,011 B1	01/2001	Ward			
	AC63	6,639,939 B1	10/2003	Naden et al.			
	AD63	4,441,080	04/1984	Saari			<u>'</u>
	AE63	4,873,492	10/1989	Myer			
	AF63	5,697,074	12/1997	Makikallio et al.			
	AG63	5,784,689	07/1998	Kobayashi			
V	AH63 6,335,656 B1 01/20		01/2002	Goldfarb et al.			
W	A163	6,690,232 B2	02/2004	Ueno et al.			
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INTIAL	<u> </u>	AA64	5,636,140	06/1997	,	Lee <i>et al.</i>	-			
	T	AB64	6,366,622 B1	04/2002	? E	Brown <i>et al.</i>	-			
	-	AC64	6,600,795 B1	07/2003	, (Ohta <i>et al.</i>				
		AD64	4,250,458	02/1981	F	Richmond <i>et al</i> .				
		AE64	5,760,629	06/1998	} ° (Jrabe <i>et al.</i>	-			
		AF64	6,084,465	07/2000	, [Dasgupta	-			
		AG64	6,204,789 B1	03/2001		Nagata	-			
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\mathcal{O}	3	A164	5,218,562	06/1993		Basehore <i>et al.</i>				
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Co	AA65	5,239,496	08/1993	Vancraeynest			
	AB65	5,896,304	04/1999	Tiemann et al.			
	AC65	6,005,903	12/1999	Mendelovicz			
Vs	AD65	5,834,979	11/1998	Yatsuka			
CD	AE65	6,798,351 B1	09/2004	Sorrells et al.			
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SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

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到 [意	AB50	5,63	3,815	05/19	997	Young			ELLE	VED	
	AC50	3,24	6,084	04/19	966	Kryte	ır		NOV 2 6	2002	
TENT & THE	AD50	3,70	2,440	11/19	972	Moor	е		1404 20	2003	
· ·	AE50	3,76	7,984	10/19	973	Shine	oda et al.	700	Anotogy C	enter 2600	
	AF50	3,85	2,530	12/19	974	Shen			31		
	AG50	4,22	0,977	09/19	980	Yam	anaka	$\perp -$			
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00	AQ	Ritter, G.M., "SDA, A New Solution for Transceivers," 16th European Microwave Conference, Microwave Exhibitions and Publishers, pp. 729-733 (September 8, 1986).									
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2	(G)	AA51	6,014	4,551	01/20)00	Pesc	ola et al.	-		CC									
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10	¥,	AC51	6,08	5,073	07/20	000	Pale	mo et al.			NOV 2	6-2003								
	£\$/	AD51	6,400	0,963 B1	06/20	02	Glöc	kler et al.			200									
ENT & TAP		AE51	6,230	0,000 B1	05/20	01	Taylo	Dê	۰	<u> To</u>	hnology	Center 2600								
		AF51	5,483	3,695	01/19	96	Pard	oen												
		AG51	6,542	2,722 B1 04/2003 S			Some	ells et al.												
		AH51	6,560	0,301 B1	05/20	03	Cook	k et al.	 _	_										
4	<u>/</u>	Al51	6,098	3,046	08/20	000	Coop	per et al.												
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4)	AJ20	JP 6	0-130203		07/1985		JP	<u> </u>			Yes (Doc. AO56)								
		AK20	DE 1	96 27 640 A1 01/1997				DE	_			No								
		AL20	EP 0	087 336 A1 08/1983				EP				No								
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ATTY. DOCKET NO. APPLICATION NO. 09/525,185 1744.0450002 APPLICANTS

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		AL21	GB 2	2 324 919 A		11/1998		GB	_			N/A	
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		Stewart, R.W. and Pfann, E., "Oversampling and sigma-delta strategies for data conversion," <i>Electronics & Communication Engineering Journal</i> , IEEE, pp. 37-47 (February 1998).											
		AQ	<u>58</u>	Rudell, J.C. e Applications,"	Rudell, J.C. et al., "A 1.9-Ghz Wide-Band IF Double Conversion CMOS Receiver for Cordless Telephone Applications," IEEE Journal of Solid-State Circuits, IEEE, Vol. 32, No. 12, pp. 2071-2088 (December 1997).								
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	AA54	5,790,587	08/19	998	Smit	h <i>et al</i> .	-		BEC	
्या है।	AB54	4.740,675	04/19	988	Brosnan et al.			}		
1 2 S	AC54	5,483,600	01/19	996	Wen	bach			-Nov s	6 2002
1 27	AD54	6,011,435	01/20	000	Take	yabu et al.		_		2003
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	AF54	6,026,286	02/20	000	Long	Long				- United 2000
	AG54	6,178,319 B1	01/20	001	Kash	ima				
1	AH54	6,634,555 B1	10/20)/2003 So		elis <i>et al</i> .				
	Al54	3,736,513	05/1973 V		Wilso	onn				
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ATTY. DOCKET NO. 1744.0450002	APPLICATION NO. 09/525,185
APPLICANTS Sorrells et al.	
FILING DATE	GROUP

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FIFTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Page 1 of 3 APPLICATION NO. 09/525,185 ATTY. DOCKET NO. 1744.0450002 INVENTORS Sorrells et al. FILING DATE

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FORM PTO-1449 FIFTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Page 2 of 3 ATTY, DOCKET NO. 1744.0450002 INVENTORS Sorrelis et al. FILING DATE APPLICATION NO. 09/525,185 ART UNIT

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· ELECTRONIC INFORMATION DISCLOSURE STATEMENT

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Title of Invention

Spread Brectrum Applications of Universal Frequency Translation

Application Number:

09/525185

Confirmation Number:

8068

First Named Applicant:

David SORRELLS

Attorney Docket Number: 1744.0450002

Art Unit:

2634

Examiner:

Curtis B. Odom

Search string:

(5682099 or 6094084 or 6067329 or 6516185 or 6687493 or 6694128 or 6704549 or 6704558 or 5490176 or 5970053 or 6078630 or 6600911 or 5179731 or 5589793 or 4510467 or 4772853 or 4972436 or 5012245 or 5422909 or 5440311 or 5926513 or 5995030 or 6047026 or 6049573 or 6076015 or 6144331 or 6018553 or 6317589 or 5058107 or 5757858 or 6531979 or 6018262 or 4761798 or 6151354 or 6169733 or 6363262 or 6697603 or 5282222 or 5949827 or 6014176 or 5678226 or 5760632 or 6160280 or 5481570 or 5745846 or 4132952 or 5260973 or 6307894 or 6091289 or 6437639 or

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Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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Remarks

Note: Remarks are not for responding to an office action.

Patent Cite nos. 1 and 2 were cited in an Office Action in related U.S. Patent Application No. 10/317,181, filed December 12, 2002, entitled "Differential Frequency Down-Conversion Using Techniques of Universal Frequency Translation Technology," directed to related subject matter. Patent Cite nos. 3, 4, 44, and 45 were cited in an Office Action in related U.S. Patent Application No. 10/317,165, filed December 12, 2002, entitled "Method and Apparatus for Reducing DC Offsets in Communication Systems Using Universal Frequency Translation Technology," directed to related subject matter. Patent Cite nos. 5-8 are co-owned patents which are directed to related subject matter. Patent Cite nos. 5-8 and 33 were cited in a Notice of Allowance in related U.S. Patent Application No. 09/838,387, filed April 20, 2001, entitled "Method and System for Down-Converting and Up-Converting an Electromagnetic Signal, and Transforms for Same," directed to related subject matter. Also cited in said Notice of Allowance were U.S. Patent Nos. 5,937,013, 6,061,551, and 6,647,250, which have already been cited in the present application. Patent Cite nos. 6, 7, 47 and 48 were cited in a Notice of Allowance in related U.S. Patent Application No. 09/525,615, filed March 14, 2000, entitled "Method, System and Apparatus for Balanced Frequency Up-Conversion of a Baseband Signal and 4-Phase Receiver and Transceiver," directed to related subject matter. Also cited in said Notice of Allowance were U.S. Patent Nos. 6,091,940 and 6,370,371, which have already been cited in the present application. Patent Cite nos. 9-12 were cited in an Office Action in related U.S. Patent Application No. 09/567,978, filed May 10, 2000, entitled "Carrier and Clock Recovery Using Universal Frequency Translation," directed to related subject matter. Also cited in said Office Action was U.S. Patent No. 5,937,013, which has already been cited in the present application. Patent Cite nos. 13 and 14 were cited in a Notice of Allowance in related U.S. Patent Application No. 10/330,219, filed December 30, 2002, entitled "Methods and Systems for Down-Converting Electromagnetic Signals, and Applications Thereof," directed to related subject matter. Patent Cite nos. 15-26 were cited in an Office Action in related U.S. Patent Application No. 09/566,188, filed May 5, 2000, entitled "Integrated Frequency Translation and Selectivity with Gain Control Functionality, and Applications Thereof," directed to related subject matter. Patent Cite nos. 27 and 28 were cited in an Office Action in related U.S. Patent Application No. 09/632,856, filed August 4, 2000, entitled "Wireless Local Area Network (WLAN) Using Universal Frequency Translation Technology Including Multi-Phase Embodiments and Circuit Implementation," directed to related subject matter. Patent Cite nos. 29-31 were cited in an Office Action in related U.S. Patent Application No. 09/569,044, filed May 10, 2000, entitled "Universal Platform Module and Methods and Apparatuses Relating Thereto Enabled by Universal Frequency Translation Technology," directed to related subject matter. Also cited in said Office Action were U.S.

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Patent Nos. 2,057,613; 2,241,078; 2,283,575; 2,358,152; 2,410,350; 2,451,430; 2,472,798; 4,653,117; and 5,241,561, which have already been cited in the present application. Patent Cite no. 32 was cited in an Office Action in related U.S. Patent Application No. 10/289,377, filed November 7, 2002, entitled "Method and Apparatus for Reducing DC Offsets in a Communication System," directed to related subject matter. Also cited in said Office Action were U.S. Patent Nos. 5,471,665; 5,793,817; and 5,898,912, which have already been cited in the present application. Patent Cite nos. 34-37 were cited in an Office Action in related U.S. Patent Application No. 09/569,045, filed May 10, 2000, entitled "Methods and Apparatuses Relating to a Universal Platform Module and Enabled by Universal Frequency Translation Technology," directed to related subject matter. Also cited in said Office Action were U.S. Patent Nos. 5,339,459 and 5,557,641, which have already been cited in the present application. Patent Cite nos. 38-40 were cited in an Office Action in related U.S. Patent Application No. 09/590,955, filed June 9, 2000, entitled "Phase-Shifting Applications of Universal Frequency Translation," directed to related subject matter. Also cited in said Office Action was U.S. Patent No. 5,339,459, which has already been cited in the present application. Patent Cite nos. 41-43 were cited in an Office Action in related U.S. Patent Application No. 09/550,642, filed April 14, 2000, entitled "Method and System for Down converting an Electromagnetic Signal, and Transforms for Same," directed to related subject matter. Patent Cite no. 46 was cited in an Office Action in related U.S. Patent Application No. 09/476,093, filed January 3, 2000, entitled "Communication System Method with Multi-Mode and Multi-Band Functionality and Embodiments Thereof, Such as the Family Radio Service," directed to related subject matter. Also cited in said Office Action were U.S. Patent Nos. 5,937,013 and 5,790,587, which have already been cited in the present application. Patent Cite nos. 49 and 50, and Published Application cite no. 1 were cited in a Written Opinion in related PCT Application No. PCT/US03/16403, filed May 27, 2003, entitled "Method and Apparatus for DC Offset Removal in a Radio Frequency Communication Channel," directed to related subject matter.

Signature

Examiner Name	Date
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